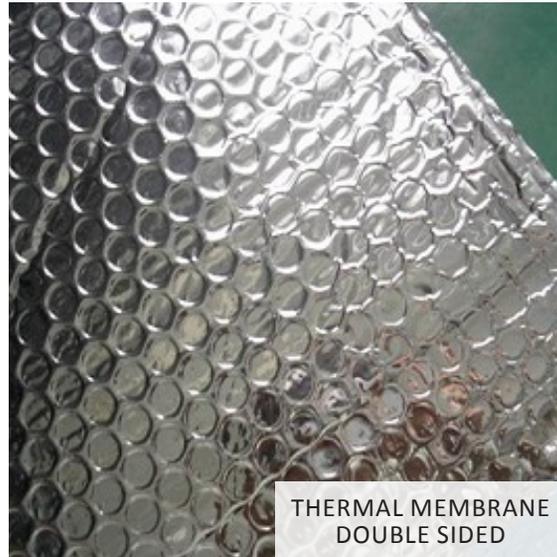
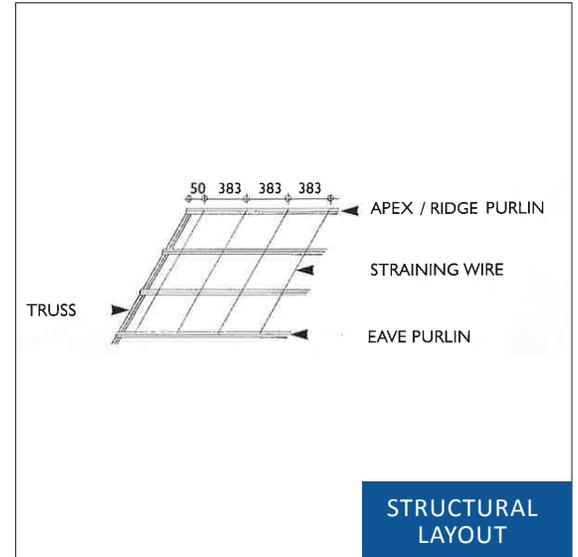




INSTALLATION OF
THERMAL MEMBRANCE



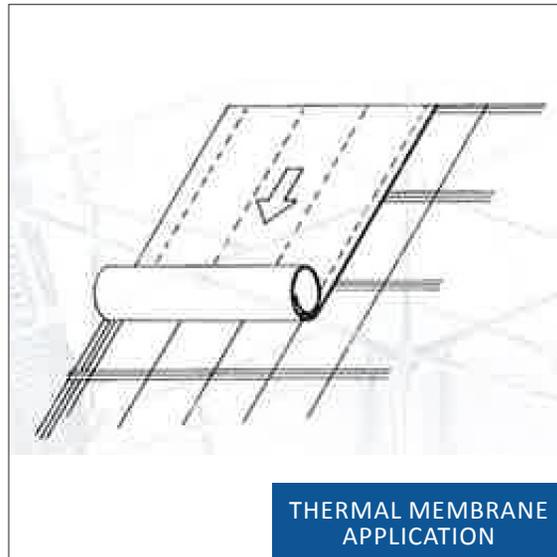
THERMAL MEMBRANE
DOUBLE SIDED



STRUCTURAL
LAYOUT

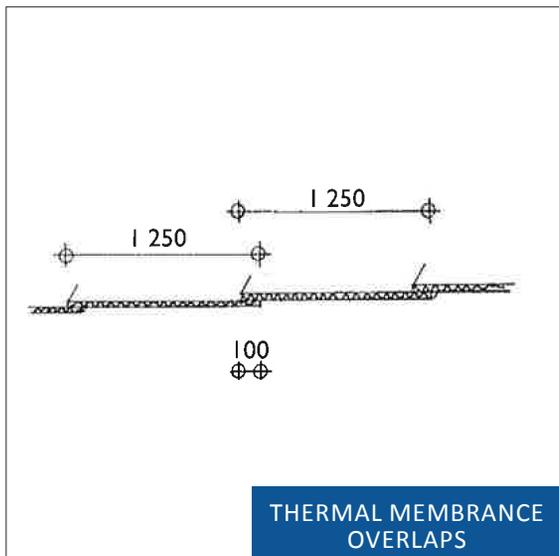


THERMAL
MEMBRANE WHITE



THERMAL MEMBRANE
APPLICATION

ZEN THERMAL MEMBRANE



THERMAL MEMBRANCE
OVERLAPS

Zenith STEEL FABRICATORS LTD

DESIGN, FABRICATE & ERECT STRUCTURAL STEEL WORK

An ISO 9001:2008 Certified Company

EAST AND CENTRAL AFRICA SINCE 1977

ZEN THERMAL MEMBRANE

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Web: www.zenithsteel.com

ZEN THERMAL MEMBRANE

PRODUCT DESCRIPTION

The Thermal Membrane is manufactured by a continuous lamination process of low-density polyethylene and aluminum foil with sealed bubbles or air between the two outer laminates. There are two types of Thermal Membranes:

Type 1: Thermal Membrane white - 0.99m²k/w

Type 2: Thermal Membrane double sided - 1.35m²k/w

WHY USE THERMAL MEMBRANE?

- ✓ It is strong, light and flexible with excellent tear resistance
- ✓ Heat stabilized for durability and efficiency in a temperature range from -20 degrees to 80 degrees
- ✓ Non-toxic, inert and vermin proof
- ✓ Waterproof - no membrane necessary under roof tiles or sheeting
- ✓ Provides cool, clear attic with no loose fibers to irritate skin, eyes, nose or lungs
- ✓ Acclaimed in the business as the easiest thermal insulation on the market to install
- ✓ If properly installed, under normal environmental conditions, it will last the lifespan of the building.

FIRE PERFORMANCE

Thermal Membrane is a highly advanced fire retardant conforming to building insulation standards SANS 428

PRODUCT SPECIFICATIONS

Material thickness	: 4mm
Roll width	: 1.2m
Roll length	: 40m
Roll cover	: 48m ²
Effective coverage	: 46m ²
Weight	: 19Kg

INDUSTRIAL APPLICATION

1. Fix PVC coated straining wire from the top apex purlin, over intermediate purlins to the bottom eave purlin at 383mm centers - first straining wire to be fixed 50mm away from gable end. Evenly tension all wire ensuring that cut ends face downwards.
2. Lay Thermal Membrane over the string wires ensuring that it is squared off. Fix to apex purlin double-sided tape. Evenly tension material and fix to eave purlin again using double-sided tape.
3. All subsequent layers of Thermal Membrane to be fixed with 100mm overlap over the previous sheet.
4. Straining wires must be positioned at the center of the overlaps i.e not more than 50mm from the sheet edges.
5. Lay roof sheeting as soon as possible after the fixing of the Thermal Membrane